

JC885 U.S. PTO
07/06/01

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PTO/SB/05 (08-00)

Approved for use through 10/31/2002, OMB 0651-003

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR §1.53(b))

APPLICATION ELEMENTS*See MPEP chapter 600 concerning utility patent application contents*

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 307]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed Sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 33]
5. Unexecuted Declaration [Total Pages 1]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)

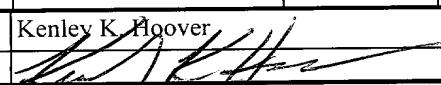
i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76. [Total Pages 4]

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

Continuation Divisional Continuation-in-Part (CIP) of prior application No: 09/559,290 filed April 27, 2000

For CONTINUATION OR DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts

18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label22195or Correspondence address below

NAME				
ADDRESS				
CITY		STATE		ZIP CODE
COUNTRY		TELEPHONE		FAX
NAME (Print/Type)	<u>Kenley K. Hoover</u>			Registration No. (Attorney/Agent) <u>40,302</u>
SIGNATURE				Date <u>July 6, 2001</u>

r Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Total amount of payment

\$1472.00

Complete if Known

Application Number	Not yet assigned
Filing Date	July 6, 2001 (Herewith)
First Named Inventor	YU et al
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned

Attorney Docket Number PF141P7

METHOD OF PAYMENT					FEE CALCULATION (continued)				
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to					3 ADDITIONAL FEES				
Deposit Account 08-3425 Number					Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description		
Deposit Account Human Genome Sciences, Inc. Name					Fee Code	Fee Code	Fee Paid		
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17					105	130	205	65	Surcharge - late filing of Oath or Declaration
<input type="checkbox"/> Applicant claims small entity status					127	50	227	25	Surcharge - late provisional filing fee or cover sheet
See 37 CFR 1.27					139	130	139	130	Non-English specification
					147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination
					112	920	112	920	Requesting publication of SIR prior to Examiner action
					113	1,840	113	1,840	Requesting publication of SIR after Examiner action
					115	110	215	55	Extension for reply within first month
					116	390	216	195	Extension for reply within second month
					117	890	217	445	Extension for reply within third month
					118	1,390	218	695	Extension for reply within fourth month
					128	1,890	228	945	Extension for reply within fifth month
					119	310	219	155	Notice of Appeal
					120	310	220	155	Filing a brief in support of an appeal
					121	270	221	135	Request for oral hearing
					138	1,510	138	1,510	Petition to institute a public use proceeding
FEE CALCULATION					140	110	240	55	Petition to revive -unavoidable
1 BASIC FILING FEE					141	1,240	241	620	Petition to revive - unintentional
Large Entity Fee (\$)	Entity Code	Small Entity Fee (\$)	Entity Code	Fee Description	142	1,240	242	620	Utility issue fee (or reissue)
101	710	201	355	Utility filing fee	143	440	243	220	Design issue fee
106	320	206	160	Design filing fee	144	600	244	300	Plant issue fee
107	490	207	245	Plant filing fee	122	130	122	130	Petitions to the Commissioner
108	710	208	355	Reissue filing fee	123	50	123	50	Petitions related to provisional applications
114	150	214	75	Provisional filing fee	126	180	126	180	Submission of Information Disclosure Statement
Subtotal (1) \$710.00					581	40	481	40	Recording each patent assignment per property (times number of properties)
					146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))
					149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))
					179	710	279	355	Request for Continued Examination (RCE)
					169	190	169	900	Request for expedited examination of a design application
					Other fee (specify)				
					Other fee (specify)				
					*Reduced by Basic Filing Fee Paid				
					Subtotal (3)				
2 EXTRA CLAIM FEES									
					Extra	Fee from below	Fee Paid		
Total claims	49	- 20**	29	\$18.00	\$ 522.00				
Indep.claims	6	- 3 **	3	\$80.00	\$ 240.00				
Multiple Dependent					\$				
					103	18	203	9	Claims in excess of 20
					102	80	202	40	Independent claims in excess of 3
					104	270	204	135	Mutliple dependent claim
					108	80	209	40	**Reissue independent claims over original patent
					110	18	210	9	**Reissue claims in excess of 20 and over original patent
Subtotal (2)					\$762.00				

Submitted By

Complete (if applicable)

Name (Print/Type) Kenley K. Hoover

Registration No.: 40.302

Telephone (301) 610-5771

Signature:

Date July 6, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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